

IN THE SPECIFICATION:

Please amend page 9, last paragraph as follows:

The gateway-1 15 performs a communication operation via a network interface 50000 to an external unit. The gateway-1 15 is further provided with a CPU 50002, a hard disk 50004, and a memory 50008. These structural elements transmit/receive data via a bus 50006 to each other. In these hardware structures, a packet operation unit 110 (i.e., a transmission/reception unit) for receiving a packet from a client and for transmitting the received packet to a destination address is provided in the network interface 50000 of the gateway-1 15. Also, an address registration table 120, a detour address registration table 130, and a communication watch timer 140 are provided on a memory 50008 in the gateway-1 15. The address registration table 120 registers therein a real address 12010 of a client whose connection is permitted. The detour address registration table 130 registers thereinto a set of a real address 13020 and a detour address 13010, which as used when a detour connection is made. The communication watch timer watches a communication state.

Please amend page 13, last paragraph as follows:

Fig. 8 is an internal arrangement of the address management apparatus 56. The address management apparatus 56 employs as a basic hardware structure, a network interface 50000 used to be communicated with an external unit, a CPU 50002, a hard disk 50004, a bus 50006, and a memory 50008. Furthermore, in the address management apparatus 56, a message operation unit 560 is provided in the network interface 50000. Also, an address generation unit/apparatus 562, a network information management unit 564, and a communication watch timer 566 are provided as a portion of a connection control function 56002 of an address management program 56000 operable on the memory 50008. The address generation unit 562 generates an address which is used in a detour connection. The network information management unit 564 manages information required when an address is generated. The communication watch timer 566 watches a communication state.